

Memorandum — Manchester Water Treatment Plant

To: Board of Water Commissioners
CC: Tom Bowen, Bob Beaurivage, Russ Johnson, Dave Miller
From: Dave Paris
Date: 11/25/2009
Re: Recommendation for Chemical bid award – calendar year 2010

Gents,
Bids were opened October 20, 2009 at 3 pm for chemicals to be used within the water treatment plant in 2010. Commissioner Cruess presided at this opening.

Chemicals costs were substantially lower this year as compared to the previous two years as chemical manufacturers are finding more stability in the market.
As a result you will find only one chemical that we'd limit to 6 month award which is fluoride.

I am estimating that the overall budget impact of these prices will be to lower the 2010 budget request for chemicals by about \$80,000 below the 2009 request. A full spread sheet of the bids is attached.

Chemical	Low Bidder (meeting spec)	2009 Cost	2010 Cost	% + -
Liquid Chlorine	JCI	\$1.69	\$1.43	- 15 %
Alum	Holland Chemical	\$546.04	\$403.95	+26 %
Polymer	Polydyne	\$1.54	\$1.50	- 2 %
Caustic Soda	JCI	\$1,098.88	\$454.55	- 59 %
Sodium Hypochlorite	Univar	\$1,590.88	\$915.31	- 42 %
Phosphoric acid	[awaiting confirmation]	\$2,577.72	[\$1,499.47]	%
Polyaluminum chloride	Holland	\$415	\$390	- 6 %
Fluoride	Boremco (6 months)	\$3.7349	\$4.1675	+12 %
Activated carbon	PICA	\$1.6280	\$1.1050	- 32 %
LOX	AIRGAS	\$108	\$104	- 4 %
Aqueous Ammonia	Boremco	\$ 2.1840	\$1.2269	- 44 %
Sodium Bisulfite	Holland	\$1.98	\$1.39	- 30 %
Soda Ash	OCI Chemical	\$392	\$394.26	+ 1 %

DAVID PARIS, WATER SUPPLY ADMINISTRATOR
1581 LAKE SHORE RD
MANCHESTER NH 03109
TEL 603-624-6482 X 201
FAX 603-628-6030
EMAIL DBPARIS@MANCHESTERNH.GOV